

# residential NATURAL GAS

## NATURE'S CHOICE FOR CLEAN ENERGY

Natural gas produces less Sulfur Dioxide (SO<sub>2</sub>), Carbon Dioxide (CO<sub>2</sub>) and Nitrogen Oxides (NO<sub>x</sub>). The use of natural gas appliances decreases your home's energy use, carbon emissions, and saves money.



## Breakdown of Benefits: Electric vs. Natural Gas Home Appliances

Source: American Gas Association

Emissions numbers include greenhouse gas impact from unburned methane.

### Home Space Heating



	ELECTRIC	NATURAL GAS
Emissions (Tons/Year)	<b>11.6</b>	<b>4.5</b>
Efficiency (MMBTU/Year)	<b>192.3</b>	<b>85.1</b>
Economics	<b>\$2,050</b>	<b>\$872</b>

### Water Heater



Emissions (Tons/Year)	<b>3.1</b>	<b>1.5</b>
Efficiency (MMBTU/Year)	<b>52</b>	<b>27.6</b>
Economics	<b>\$554</b>	<b>\$282</b>

### Clothes Dryer



Emissions (Tons/Year)	<b>0.6</b>	<b>0.2</b>
Efficiency (MMBTU/Year)	<b>10.3</b>	<b>4.4</b>
Economics	<b>\$110</b>	<b>\$45</b>

### Cooking Equipment



Emissions (Tons/Year)	<b>0.3</b>	<b>0.2</b>
Efficiency (MMBTU/Year)	<b>5.7</b>	<b>3.8</b>
Economics	<b>\$60</b>	<b>\$39</b>



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**There are residential natural gas solutions for inside homes and for the great outdoors**

**Space heating** represents the greatest portion of residential energy use in the Northeast. By choosing natural gas for your energy source, fuel costs and emissions are cut in half!

To get the highest efficiency in heating equipment (up to 97% AFUE), choose a gas furnace with these options

- condensing model
- high efficiency blower motor
- variable speed blower
- electronic ignition



Natural gas hot water boilers have increased in efficiency so upgrading can save 10% of energy use. Features—such as cast aluminum heat exchangers that heat three times faster than iron, modulating aquastats that match water temperature to weather needs and low temperature capabilities for super efficient radiant systems—work together to deliver warmth while optimizing energy use.



Other dependable, efficient, gas appliances for the home include **water heating, cooking equipment, clothes dryers, and fireplaces.**

**Outdoor activities are warm and inviting with natural gas**

- grills
- patio and garage heaters
- lights and torches
- fire pits and campfires



When weather related utility electrical outages occur, dependable natural gas can keep your home safe and secure with an automatic **backup generator.**



You can rest easy knowing your home uses affordable, reliable, natural gas.

